

## 03050207-100

(*Willow Swamp*)

### General Description

Watershed 03050207-100 is located in Bamberg and Colleton Counties and consists primarily of *Willow Swamp* and its tributaries. The watershed occupies 37,479 acres of the Lower Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Rains-Lynchburg-Goldsboro-Torhunta series. The erodibility of the soil (K) averages 0.16, and the slope of the terrain averages 1%, with a range of 0-2%. Land use/land cover in the watershed includes: 36.6% forested land, 32.9% agricultural land, 27.3% forested wetland, 2.6% barren land, 0.4% nonforested wetland, 0.1% urban land, and 0.1% water.

Ashton Branch and McCuren Branch (Fender Creek) join to form Willow Swamp, which accepts drainage from Dry Branch, Cedar Branch, and Rum Gully before flowing into the Little Salkehatchie River. There are a total of 67.0 stream miles and 10.8 acres of lake waters in this watershed, all classified FW.

### Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
CSTL-118	W	FW	WILLOW SWAMP AT S-15-27

*Willow Swamp (CSTL-118)* - Aquatic life uses are fully supported. This is a blackwater system, characterized by naturally low dissolved oxygen concentrations. Although dissolved oxygen excursions occurred, they were typical of values seen in blackwater systems and are considered natural, not standards violations. Recreational uses are not supported due to fecal coliform bacteria excursions.

### Nonpoint Source Management Program

#### *Land Disposal Activities*

##### Landfill Facilities

<i>LANDFILL NAME</i>	<i>PERMIT #</i>
<i>FACILITY TYPE</i>	<i>STATUS</i>
SOUTHEASTERN RESEARCH AND RECOVERY	052632-2001
DOMESTIC	ACTIVE

### Growth Potential

There is a low potential for growth in this watershed, which contains portions of the Towns of Lodge and Ehrhardt.